The following is a complete listing of all claims in the application, with an indication of the status of each:

Listing of claims:

1   1. (currently amended) An apparatus for measuring intra cranial pressure,
2   comprising:
3   an acoustic eye patch conformably adapted to an eyeball of a patient,
4   said eye patch having sensors for measuring acoustic signals in the brain;
5   a sweep generator for applying acoustic signals to the brain across the
6   skull of the patient, said signals sweeping a predetermined range;
7   an analyzer for determining from an output of the acoustic eye patch
8   an intra cranial pressure.

1   2. (original) The apparatus of claim 1, wherein said predetermined range is
2   an ultrasonic resonance range and said analyzer determines a resonant
3   frequency and a degree of damping of the acoustic signal at said resonant
4   frequency, and wherein said degree of damping is correlated to a measure of
5   intra cranial pressure.

1   3. (currently amended) The apparatus of claim 1, wherein the acoustic eye
2   patch is adapted to be applied to both eyeballs of the patient.

1   4. (original) The apparatus of claim 2, wherein the predetermined resonance
2   range is 20-175 kHz.

1   5. (original) The apparatus of claim 1, wherein the acoustic eye patch sensor
2   is a piezoelectric film.

1   6. (original) The apparatus of claim 3, wherein the analyzer determines
2   coherence between eyeballs of the patient.

1   7. (original) The apparatus of claim 1, wherein said predetermined range
2   includes frequencies less than 20 kHz and said analyzer detects retinal artery
3   pulsations, and wherein pressure is applied to the eye until the retinal artery
4   pulsations disappear, said applied pressure being a measure of intra cranial
5   pressure.

1   8. (currently amended) A method for determining intra cranial pressure,
2   comprising the steps of:
3   conformably adapting an acoustic eye patch to an eyeball of a patient,
4   said eye patch having sensors for measuring acoustic signals in the brain;
5   applying acoustic signals to the brain across the skull of the patient,
6   said signals sweeping a predetermined range;
7   determining from an output of the acoustic eye patch an intra cranial
8   pressure.

1   9. (original) The method of claim 8, wherein said predetermined range is an
2   ultrasonic resonance range and said analyzer determines a resonant frequency
3   and a degree of damping of the acoustic signal at said resonant frequency, and
4   wherein said degree of damping is correlated to a measure of intra cranial
5   pressure.

1   10. (original) The method of claim 8, wherein the acoustic eye patch is

2   applied to both eyeballs of the patient.

1   11. (original) The method of claim 9, wherein the predetermined resonance

2   range is 20-175 kHz.

1   12. (original) The method of claim 8, wherein the acoustic eye patch sensor

2   is a piezoelectric film.

1   13. (original) The method of claim 10, wherein the analyzer determines

2   coherence between eyeballs of the patient.

1   14. (original) The method of claim 8, wherein said predetermined range

2   includes frequencies less than 20 kHz and said analyzer detects retinal artery

3   pulsations, and wherein pressure is applied to the eye until the retinal artery

4   pulsations disappear, said applied pressure being a measure of intra cranial

5   pressure.